

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer ~~Computer~~ system (200/300) comprising:

with a main system (200) ~~to execute~~ that executes an application (A) in cooperation with a human user; (1000), ~~the computer system with~~

an auxiliary system (300) to evaluate problems (P) in the main system (200) ~~with~~ using a service module (340) to collect problem related data (D) from the main system, wherein the auxiliary system determines a context of the evaluated problems and distinguishes versions of the main system; (200);

an acquisition module (320) ~~to acquire~~ that acquires knowledge representations; (R),

a knowledge module (330) ~~to store~~ that stores the knowledge representations; and (R);

an inference module (340) ~~to process~~ that processes problem related data (D) with knowledge representations (R) to identify solutions, (S), wherein the inference module (340) ~~also to forward~~ forwards the solutions (S) through the service module (340) to the main system, (200), ~~the computer system (200/300) characterized in that the auxiliary system (200) distinguishes context of the problems (P) and distinguishes versions of the main system (200).~~

2. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 1, wherein the auxiliary system (200) ~~also~~ distinguishes context and versions relating to the application (A).

3. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 2, wherein the auxiliary system (200) distinguishes context and versions by using a check lexicon (334) in the knowledge module (330).

4. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 3, wherein the check lexicon (334) lists details for the knowledge representations (R), wherein the details depend on a version of the main system.

5. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 3, wherein the check lexicon (334) lists details for the knowledge representations (R), wherein the details depend on a version of the application (A).

6. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 3, wherein the check lexicon (334) lists details for the knowledge representations (R), wherein the details depend on the context of the problem (P).

7. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 3, wherein the check lexicon (334) lists details for the knowledge representations that depend on a version of the main system (200).

8. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 3, wherein the check lexicon uses parameters for versions and context.

9. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 1, wherein the knowledge module (330) distinguishes contexts that are predefined sets of knowledge representations (R).

10. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 1, wherein the knowledge module (330) distinguishes context with primary context and secondary context, wherein the secondary context is referenced from the first primary context.

11. (Currently Amended) The computer ~~Computer~~ system (200/300) of claim 1, wherein the knowledge module (330) makes knowledge representations (R) selectively available or non-available according to a selected context.

12. (Currently Amended) An interface ~~Inference~~ module (x40) with expertise functionality for evaluating problems (P) in a main computer system (200) that executes an application (A), wherein the inference module (x40) is adapted to process

problem related data (~~D~~) with knowledge representations (~~R~~) to identify solutions (~~S~~);
the inference module (~~x40~~) characterized in that the inference module (~~x40~~) and the
inference module distinguishes problem related data (~~D~~) in context classes.